United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505

Reply To: 3460

Date: December 8, 1992

Dr. Marcus Cathey, Director
USDA National Arboretum
24th and R Street, NE
Washington, DC 20002

Dear Dr. Cathey:

On October 14, 1992, USDA Forest Service Personnel conducted gypsy moth egg mass survey at the USDA National Arboretum and the USDA Glenn Dale Plant Introduction Station. The purpose of these surveys was to determine gypsy moth population densities and to assess the potential for defoliation and the need for treatment in 1993.

The results of the survey are presented in Tables 1 and 2. The survey plot locations are shown in Figures 1 and 2. In brief, egg mass densities ranged from 0-40 and averaged 5 egg masses per acre at the Arboretum and ranged from 40-480 and averaged 280 egg masses per acre at the Plant Introduction Station. No noticeable defoliation is expected at either site so treatment is not recommended in 1993.

If you have any questions or require additional information, please call me at 304-285-1541.

Sincerely,

Rodney L. Whiteman

RODNEY L. WHITEMAN
Forestry Technician
Forest Health Protection

Enclosures

cc: AO
Scott Aker
RLW/ct

Table 1. -- Gypsy Moth Egg Mass Survey Results at the USDA National Arboretum, October 14, 1992

Plot Number	Number EM/Acre
2	0
3	0
4	0
5	0
7	0
15	0
17	0
25	0
26	0
28	0
32	0
34	40
35	40
36	0
37	0
26	0
39	0

Range = 0-40 EM/Acre
Average = 5 EM/Acre

Table 2. -- Gypsy Moth Egg Mass Survey Results at the USDA Glenn Dale Plant Introduction, October 14, 1992

Plot Number	Number EM/Acre
1	480
2	320
3	40

Range = 40-480 EM/Acre
Average = 280 EM/Acre

Figure 1. -- Gypsy moth egg mass survey plot locations at The National Arboretum October 14, 1992

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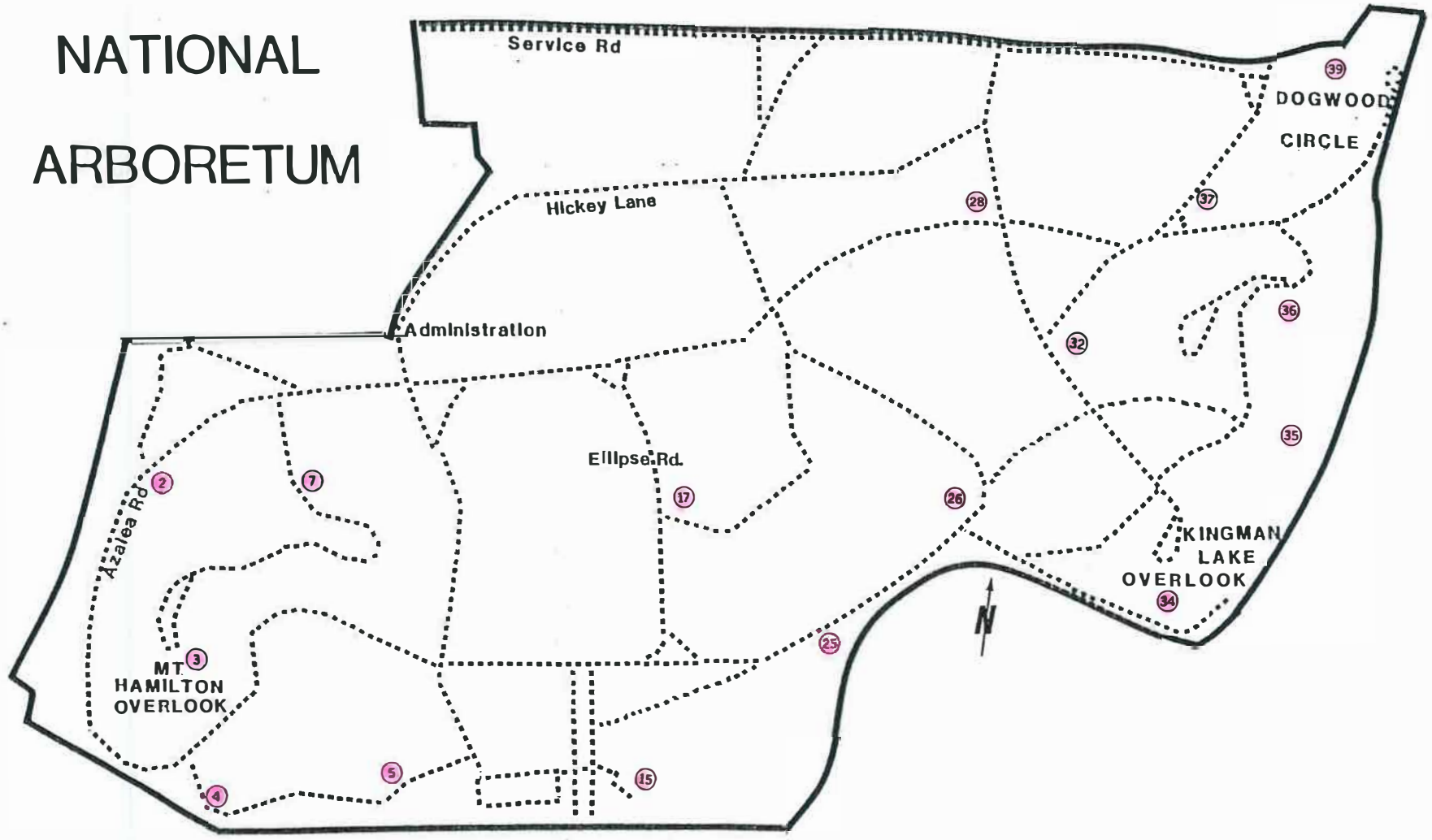

LEGEND

● = plot locations

Figure 2. -- Gypsy moth egg mass survey plot locations at the USDA Glenn Dale Plant Introduction Station, October 14, 1992